

ABSTRACT

A shared memory includes a plurality of multi-port memories each having at least one port with a copybus- function, and at least one port accessible from the user side. At least one copybus is connected to one of the 5 ports with the copybus-function. The shared memory copies contents of one of the multi-port memories, which has been changed by a writing operation from the user side, to other multi-port memories through at least one copybus.

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